



Figure 313: Scenarios in the Navigator

## Using the Multiple Operations tool

Like scenarios, the Multiple Operations tool performs what-if analysis on your calculations. Unlike scenarios, which represent individual sets of values for multiple formula variables, this tool uses a whole range of values for just one or two variables. It then uses one or more formulas to create a matching range of solutions. Since each solution corresponds to one or two variable values, both the variable and solution ranges can be easily arrayed in tabular format. As a result, the Multiple Operations tool is well-suited to generating data that easy to read and share or visualize using graphs.

### Tip

Exercising good organization can make using this tool relatively painless. For example, we recommend keeping your data together on one sheet and using labels to identify your formulas, variables, and table ranges.

## Multiple Operations with one formula and one variable

The easiest way to learn how to use the Multiple Operations tool is with one formula and one variable. To learn how to use the tool with multiple formulas or with two variables, see “Calculating with several formulas simultaneously” (page 333) and “Multiple operations with two variables” (page 335), respectively.

To use the Multiple Operations tool with one formula and one variable:

- 1) In the cells of a worksheet, enter a formula and at least one variable that it uses.
- 2) In the same worksheet, enter values into a cell range that occupies a single column or row. These values will be used for one of the variables of the formula that you defined in step 1.
- 3) With the mouse, select the range containing both the variable range that you defined in step 2 and the adjacent empty cells that follow it. Depending on how your variable range